

24 March 1959

MEMORANDUM TO THE FILE

25X1A6a

SUBJECT: Repair of G.M.C. Generator at Microwave Site, [REDACTED]

25X1A

1. On 4 March 1959, at the request of [REDACTED] RECD/OL, I made 25X1A9a arrangements locally to have a General Motors Service Representative come to Washington. The purpose of this visit was to repair a faulty voltage regulating system in the recently installed generator at [REDACTED]

25X1A

2. Mr. Frank Hines, Electrical Field Service Engineer, from the Detroit factory, arrived in the area on 5 March 1959. The following morning I picked up Mr. Hines and drove him to [REDACTED].

25X1A

3. A thorough examination of the Generator's voltage regulating system indicated that the cause of voltage instability lay in the REG-OHM voltage regulator and/or in its associated circuits. Various changes were made to the circuit, as well as to the voltage regulator itself, in an effort to improve the regulation. Although a certain degree of improvement was accomplished, Mr. Hines was not satisfied with the operation and stated that it was necessary to contact the REG-OHM company for further recommendations. This necessitated his return to Detroit for alternator design data, and further discussions with company engineers.

4. Mr. Hines was escorted to the Washington airport 6 March where he boarded a 1730 flight back to Detroit.

5. On 16 March 1959 Mr. Hines returned to Washington. I picked him up on 17 March 1959, and together with [REDACTED] DMB/OC-E, proceeded to [REDACTED]. Mr. Hines had acquired various types of REG-OHM regulators incorporating circuit changes, one of which he felt should correct the voltage instability we had encountered. One of the regulators did stabilize the voltage as expected and to further improve the stability, a slight brush adjustment was made.

6. The generator was declared by Mr. Hines to be operating to his satisfaction and no further changes were made. Mr. Hines return to Detroit that same day. [REDACTED] was advised on 18 March 1959, that the generator had been repaired and could be placed into service at any time.

Distribution:

Approved For Release 2000/09/11 : CIA-RDP78-02820A000500020085-1

2 - Monthly Report